

MODEL YCFL

Relief assembly with reverse flow check

CAPACITY: 30 gpm

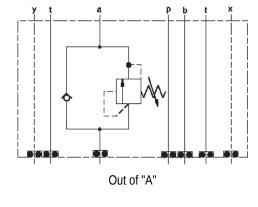


sunhydraulics.com/model/YCFL

This sandwich valve assembly relieves from pressure out of port A when the incoming pressure at port A exceeds the setting of the valve. It also incorporates a reverse flow check valve.

TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Body Type	Sandwich
Body Features	Out of A
Seal Plate Included (see notes)	No
Stack Height	2.49 in.
Mounting Hole Diameter	.28 in.
Mounting Hole Depth	Through
Mounting Hole Quantity	4



NOTES: • Stack height value in technical data table includes seal retainer plate.

- This installation requires a seal retainer plate and seal kit which are purchased separately. See "Related Accessories" section.
- For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.
- *Important:* Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.

©2024 Sun Hydraulics 1 of 2





Relief assembly with reverse flow check

CAPACITY: 30 gpm

Continued from previous page

CONFIGURATION OPTIONS

Model Code Example: YCFLLANCB

CONTROL (L) ADJUSTMENT RANGE (A) SEAL MATERIAL (N)

L Standard	Screw Ad	ustment
------------	----------	---------

Α	500 - 3000 psi (35 - 210 bar), 1000 psi (70 bar) Standard Setting	N V	Buna-N Viton	
В	300 - 1500 psi (20 - 105 bar), 1000 psi (70 bar) Standard Setting	_		
С	1000 - 6000 psi (70 - 420 bar), 1000 psi (70 bar) Standard Setting			
D	200 - 800 psi (14 - 55 bar), 400 psi (28 bar) Standard Setting			
Е	100 - 400 psi (7 - 28 bar), 200 psi (14 bar) Standard Setting			
S	50 - 200 psi (3,5 - 14 bar), 100 psi (7 bar) Standard Setting			
W	800 - 4500 psi (55 - 315 bar), 1000 psi (70 bar) Standard Setting			

PRIMARY CARTRIDGE (C)

С	30 psi (2 bar) (with RDFA primary cartridge, Direct-acting relief valve)
Α	4 psi (0,3 bar) (with RDFA primary cartridge, Direct-acting relief valve)
В	15 psi (1 bar) (with RDFA primary cartridge, Direct-acting relief valve)
D	50 psi (3,5 bar) (with RDFA primary cartridge, Direct-acting relief valve)
E	75 psi (5 bar) (with RDFA primary cartridge, Direct-acting relief valve)
F	100 psi (7 bar) (with RDFA primary cartridge, Direct-acting relief valve)
Z	1 psi (0,07 bar) (with RDFA primary cartridge, Direct-acting relief valve)
Z	1 psi (0,07 bar) (with RDFA3 primary cartridge, Non-adjustable direct-acting relief valve)
F	100 psi (7 bar) (with RDFA3 primary cartridge, Non-adjustable direct-acting relief valve)
E	75 psi (5 bar) (with RDFA3 primary cartridge, Non-adjustable direct-acting relief valve)
D	50 psi (3,5 bar) (with RDFA3 primary cartridge, Non-adjustable direct-acting relief valve)
С	30 psi (2 bar) (with RDFA3 primary cartridge, Non-adjustable direct-acting relief valve)
В	15 psi (1 bar) (with RDFA3 primary cartridge, Non-adjustable direct-acting relief valve)
Α	4 psi (0,3 bar) (with RDFA3 primary cartridge, Non-adjustable direct-acting relief valve)

INCLUDED COMPONENTS

Part	Description	Quantity
CXFAXCN	Cartridge	1
RDFALAN	Cartridge - Primary	1

©2024 Sun Hydraulics 2 of 2